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OCCUPATIONAL SURVEY REPORT



DENTAL ASSISTANT AFSC 4Y0X1

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AIR FORCE OCCUPATIONAL MEASUREMENT SQUADRON
AIR EDUCATION AND TRAINING COMMAND
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PREFACE

This report presents the results of an Air Force Occupational Survey of the Dental Assistant career ladder, Air Force Specialty Code (AFSC) 4Y0X1. Authority for conducting occupational surveys is contained in AFI 36-2623. Copies of this report and pertinent computer printouts are distributed to the Air Force Functional Manager, the technical training location, all using major commands (MAJCOMs), and other interested operations and training officials.

The survey instrument was developed by Mr. Michael F. Brosnan. Computer programming support was provided by Ms. Karen B. Tilghman and administrative support was provided by Mr. Richard G. Ramos. Second Lieutenant Andrew K. Hosler analyzed the data and wrote the final report. This report has been reviewed and approved by Lieutenant Colonel Roger W. Barnes, Chief, Airman Analysis Section, Occupational Analysis Flight, Air Force Occupational Measurement Squadron (AFOMS).

Additional copies of this report can be obtained by writing to AFOMS/OMYXI, 1550 5th Street East, Randolph AFB Texas 78150-4449, or by calling DSN 487-5543. For information on the Air Force occupational survey process or other on-going projects, visit our web site at http://www.omsq.af.mil.

GEORGE KAILIWAI III, Lt Col, USAF Commander Air Force Occupational Measurement Squadron JOSEPH S. TARTELL Chief, Occupational Analysis Flight Air Force Occupational Measurement Squadron THIS PAGE INTENTIONALLY LEFT BLANK

SUMMARY OF RESULTS

- 1. <u>Survey Coverage</u>: The Dental Assistant career ladder was surveyed to provide current job and task data for use in validating career ladder documents and training programs. Survey results are based on responses from 1,347 Active Duty members accounting for 76 percent of the total population surveyed.
- 2. <u>Specialty Jobs</u>: One cluster, which encompasses 5 patient-care jobs, and 5 "support" jobs were identified in the career ladder structure analysis. They include: Dental Generalist Cluster (including Entry-Level Exams Job, Preventive Dentistry Job, General Dentistry Job, Surgery Job, and Orthodontics Job), X-Ray Technician Job, Dental Instrument Processing Center (DIPC) Job, Records/Reception Job, Supervisor Job, and Supply Job. All but the Records/Reception Job, Supervisor Job, and Supply Job are technical in nature. Those three jobs are administrative or managerial in nature. The technical cluster and technical jobs account for 70 percent of the population. The cluster and jobs account for 96 percent of the population.
- 3. <u>Career Ladder Progression</u>: Skill-level progression for members of this AFSC is typical of most career ladders. Three-skill level personnel are generally considered the technicians. As personnel progress to the 5-skill level, they are respected as advanced technicians and are given more chances to supervise. Seven-skill level members are typically involved with supervision and management tasks as well as administration and training. Due to the single reply of 9-skill level personnel to the survey, a 9-skill level analysis was not accomplished.
- 4. <u>Training Analysis</u>: The current Specialty Training Standard (STS) accurately reflects the knowledge necessary throughout the career ladder. Several STS knowledge-coded entries should be reviewed for possible upgrade to a performance code based on survey results from the career field. All performance-coded entries in the Plan of Instruction (POI) are supported by survey data. Training personnel should review the POI tasks not referenced for possible additions to the POI. Several of these tasks reflect a high percentage of entry-level personnel performing.
- 5. <u>Job Satisfaction</u>: As is the case for most medical career fields, the major point of interest for the job satisfaction of dental assistants is their low retention intentions. Reenlistment intentions across all enlistment categories are well below the targets set by USAF. Personnel in the DIPC and Entry-Level Exams jobs appear to be the least satisfied in the career field. Personnel in the career field do wear white uniforms. Forty-seven percent of the respondents say they wear white uniforms at least once a week.

6. <u>Implications</u>: Survey results indicate the present classification structure accurately portrays the jobs performed and requirements of the career ladder. Career ladder progression follows a typical path of technical involvement at the lower skill levels through supervisory involvement at the higher skill levels. Training documents appear to be well supported by survey data with some review warranted for proficiency coding. Several tasks not referenced to the POI should be considered for addition to the 3-skill level course. Job satisfaction ratings appear to be related to a member's specialty job rather than their time in service. Nearly all categories studied within the career ladder have low reenlistment intentions.

OCCUPATIONAL SURVEY REPORT (OSR) DENTAL ASSISTANT (AFSC 4Y0X1)

INTRODUCTION

This is a report of an occupational survey of the Dental Assistant career ladder conducted by the Air Force Occupational Measurement Squadron (AFOMS). Survey data will be used to identify current utilization patterns among career ladder personnel and evaluate career ladder documents and training programs. This is the first recorded OSR published for the Dental Assistant career ladder, though a previous Job Inventory and Training Extract is available.

Background

As described in the AFMAN 36-2108, Airman Classification, 31 October 1998, Specialty Summary, last changed 30 April 1995, Dental Assistant personnel perform paraprofessional tasks, oral hygiene duties, and supervise dental assistant functions. Among these tasks are items such as assisting the dental officer with patient treatment, exposing and processing dental radiographs, performing dental administrative and material duties, and inspecting and evaluating dental activities.

Personnel entering the AFSC 4Y0X1 career ladder must attend the Dental Assistant Apprentice course at Sheppard AFB TX lasting 44 academic days. Upon completion of this AFSC awarding course, the graduate is awarded the 3-skill level. Entry into this career ladder currently requires an Armed Forces Vocational Aptitude Test Battery score of General – 43; a strength factor of "G" (Weight lift of 40 lbs) is also required. Personnel must be at least 18 years of age and have normal color vision as defined in AFI 48-123, *Medical Examination and Standards* to enter the career field.

SURVEY METHODOLOGY

Inventory Development

The data collection instrument for this occupational survey was USAF Job Inventory (JI) Occupational Survey Study Number 2349, dated July 1998. A tentative task list was prepared after reviewing pertinent tasks from the previous survey instrument and data from the last

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Training Extract. The preliminary task list was refined and validated through personal interviews with 29 subject-matter experts (SMEs) at the following training location and operational installations:

BASE	<u>UNIT VISITED</u>
Sheppard AFB TX	381 TRS
Randolph AFB TX	12 DS
Lackland AFB TX	59 DS

The resulting JI contains a comprehensive listing of 408 tasks grouped under 9 duty headings, and a background section of twenty questions requesting such information as grade, base, major command (MAJCOM) assigned, job title, work or functional area, medical or dental facility, wear of medical whites, Dental Assistant National Board certification, and equipment used or operated.

Survey Administration

From July 1998 through December 1998, base training offices at operational units worldwide administered the inventory via floppy disks to 1,765 eligible AFSC 4Y0X1 personnel. To qualify for the survey, personnel were required to hold a duty AFSC of 4Y031, 4Y051, 4Y071, or 4Y090. Excluded from the survey were personnel in PCS, student, or hospital status, or with less than 6 weeks on the job. Job incumbents were selected from a computer-generated mailing list obtained from personnel data tapes maintained by the Air Force Personnel Center, Randolph AFB TX.

Each individual who completed the inventory first completed an identification and biographical information section and then checked each task performed in his or her current job. After checking all tasks performed, each member then rated each of these tasks on a 9-point scale, showing relative time spent on that task, as compared to all other tasks checked. The ratings ranged from 1 (very little time spent) through 5 (about average time spent) to 9 (very great time spent). To determine relative time spent for each task checked by a respondent, all of the incumbent's ratings are assumed to account for 100 percent of his or her time spent on the job and are summed. Each task rating is then divided by the total task ratings and multiplied by 100 to provide a relative percentage of time for each task. This procedure provides a basis for comparing tasks in terms of both percent members performing and average percent time spent.

Survey Sample

Personnel were selected to participate in this survey so as to ensure an accurate representation across MAJCOMs and military paygrade groups. All eligible Active Duty AFSC 4Y0X1 personnel were mailed survey disks. Table 1 reflects the percentage distribution, by MAJCOM, of assigned AFSC 4Y0X1 personnel as of August 1998. The 1,347 respondents in the final sample represent 67 percent of the total assigned personnel and 76 percent of the total personnel surveyed. Table 2 reflects the paygrade distribution for these AFSC 4Y0X1 personnel.

TABLE 1

COMMAND DISTRIBUTION OF AFSC 4Y0X1 PERSONNEL

	PERCENT OF	PERCENT OF
COMMAND	ASSIGNED*	SAMPLE
ACC	19	19
AETC	20	22
11TH WING	2	1
AFMC	13	13
AFSOC	1	#
AFSPC	4	4
AMC	14	14
PACAF	13	. 13
USAFA	2	1
USAFE	12	12

TOTAL ASSIGNED = 2,024*

TOTAL SURVEYED = 1,765**

TOTAL IN SURVEY SAMPLE = 1,347

PERCENT OF ASSIGNED IN SAMPLE = 67%

PERCENT OF SURVEYED IN SAMPLE = 76%

- * Assigned strength as of August 1998
- ** Excludes personnel in PCS, student, or hospital status, or less than 6 weeks on the job
- # Denotes less than 1 percent

TABLE 2
PAYGRADE DISTRIBUTION OF SURVEY SAMPLE

GRADE	PERCENT OF ASSIGNED*	PERCENT OF SAMPLE
E-1 - E-3	23	23
E-4	27	27
E-5	28	29
E-6	12	12
E-7	9	8
E-8	**	**

- * Assigned strength as of August 1998
- ** Denotes less than 1 percent

Both MAJCOM and Paygrade distributions of the survey sample nearly match the percent assigned. This indicates a proper stratified sample which qualifies as a true representation of the career ladder population.

Task Factor Administration

Job descriptions alone do not provide sufficient data for making decisions about career ladder documents or training programs. Task factor information is needed for a complete analysis of the career ladder. To obtain the necessary task factor data, several senior AFSC 4Y0X1 personnel also completed a second disk survey for either training emphasis (TE) or task difficulty (TD) ratings. These disks were processed separately from the JI surveys. The results of the task factor information are used in several analyses discussed in more detail within the report.

<u>Training Emphasis (TE)</u>: TE is an appraisal of the amount of emphasis that should be placed on tasks in basic career ladder training. The 35 senior NCOs who completed a TE disk survey were asked to pick tasks which they felt require structured training for entry-level personnel and

then rate how much emphasis should be placed on each selected task, ranging from 1 (extremely low emphasis) to 9 (extremely high emphasis). Structured training is defined as training provided at resident training schools, field training detachments, mobile training teams, formal on-the-job training (OJT), or any other organized training method. Interrater agreement for these 35 raters was acceptable. The average TE rating was 3.56, with a standard deviation of 2.33. Any task with a TE rating of 5.89 or greater is considered to have high TE. Similarly, any task with a TE rating of 1.23 or less is considered to have low TE.

<u>Task Difficulty (TD)</u>: TD is an estimate of the amount of time needed to learn how to do each task satisfactorily. The 46 senior NCOs who completed TD survey disks were asked to rate the difficulty of each task using a 9-point scale (extremely low to extremely high). Interrater reliability was acceptable. Ratings were standardized so tasks have an average difficulty of 5.00 and a standard deviation of 1.00. Any task with a TD rating of 6.00 or above is considered to be difficult to learn.

When used in conjunction with the primary criterion of percent members performing, TE and TD ratings can provide insight into first-enlistment personnel training requirements. Such insights may suggest a need for lengthening or shortening portions of instruction supporting entry-level jobs.

SPECIALTY JOBS

The first step in the analysis process is to identify the structure of the career ladder in terms of the jobs performed by the respondents. The Comprehensive Occupational Data Analysis Program (CODAP) assists by creating an individual job description for each respondent based on the tasks performed and relative amount of time spent on these tasks. The CODAP automated job clustering program then compares all the individual job descriptions, locates the two descriptions with the most similar tasks and time spent ratings, and combines them to form a composite job description. In successive stages, CODAP either adds new members to this initial group, or forms new groups based on the similarity of tasks and time spent ratings.

The basic group used in the hierarchical clustering process is the <u>Job</u>. When two or more jobs have a substantial degree of similarity, in tasks performed and time spent on tasks, they are grouped together and identified as a <u>Cluster</u>. The structure of the career ladder is then defined in terms of jobs and clusters of jobs.

Overview of Specialty Jobs

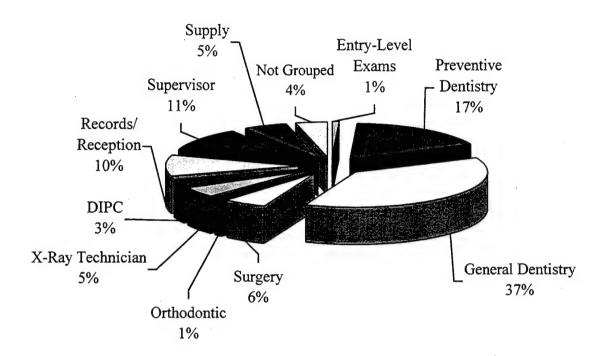
Based on the analysis of tasks performed and the amount of time spent performing each task, one cluster with five jobs and five independent jobs were identified within the career ladder. Figure 1 illustrates the cluster and jobs performed by AFSC 4Y0X1 personnel.

A listing of the cluster and jobs is provided below. The stage (ST) number shown beside each title references computer printed information, the letter "N" indicates the number of personnel in each group.

- I. DENTAL GENERALIST CLUSTER (\$T024, N=849)
 - A. Entry-Level Exams Job (ST047, N=13)
 - B. Preventive Dentistry Job (ST058, N=234)
 - C. General Dentistry Job (ST082, N=504)
 - D. Surgery Job (ST112, N=71)
 - E. Orthodontics Job (ST093, N=15)
- II. X-RAY TECHNICIAN JOB (ST072, N=61)
- III. DENTAL INSTRUMENT PROCESSING CENTER (DIPC) JOB (ST057, N=43)
- IV. RECORDS/RECEPTION JOB (ST055, N=130)
- V. SUPERVISOR JOB (ST046, N=144)
- VI. SUPPLY JOB (ST073, N=70)

The respondents forming these jobs and clusters account for 96 percent of the survey sample. The remaining 4 percent, for one reason or another, did not group into one of these jobs or clusters. Examples of job titles for these personnel include CDC Writer and Instructors of various types.

AFSC 4Y0X1 CAREER LADDER SPECIALTY JOBS (N = 1,347)



- Dental Generalist Cluster represented by Entry-Level Exams, Preventive Dentistry, General Dentistry, Surgery, and Orthodontic jobs.

FIGURE 1

Group Descriptions

The following paragraphs contain brief descriptions of the jobs and clusters identified through the career ladder structure analysis. Table 3 presents the relative time spent on duties by members of these specialty jobs and clusters. Selected background data for these jobs and clusters are provided in Table 4. Representative tasks for all the groups are contained in Appendix A.

I. <u>DENTAL</u> <u>GENERALIST</u> <u>CLUSTER</u> (ST024). The 849 airmen performing within this cluster (63 percent of the survey sample) represent the core of the career ladder. These personnel reported a high number of tasks performed with 118 on average which is representative of their diversity. There were five jobs identified within the

Composition: 849 personnel 36% E-4, 25% E-3, 24% E-5 52% in first enlistment Average 72 months TAFMS Average 118 tasks performed cluster, the two largest being General Dentistry (504 airmen) and Preventive Dentistry (234 personnel). The remaining 3 jobs are Entry-Level Exams (13 personnel), Surgery (71 personnel), and Orthodontics (15 personnel). These 5 jobs will be discussed later in this report. Personnel in this cluster spend a high percentage (45 percent) of their time with Duty A, Performing Dental Assistant Activities. They spend 18 percent of their time with Duty D, Performing Preventive Dentistry Activities, and 14 percent of their time maintaining treatment areas, equipment, and instruments, Duty B. Distinctive tasks performed include:

- Set up or break down Dental Treatment Rooms (DTRs)
- Seat patients and/or dismiss patients
- Maintain DTR supply levels
- Clean DTR supply storage areas
- Retract patient cheeks, lips, or oral tissues
- Drape patients, other than for surgical procedures
- Assist with exams, screenings, or preliminary diagnostic procedures

Fifty-one percent of these airmen hold the 3-skill level, 45 percent the 5-skill level, and only 4 percent the 7-skill level. These personnel average 6 years total active federal military service (TAFMS) and slightly more than 5 years in the career field. Thirty-six percent of the personnel in the cluster hold the E-4 paygrade, while 25 and 24 percent hold the E-3 and E-5 paygrades, respectively. Fifty-two percent of the airmen in this cluster are in their first enlistment.

There are five distinct jobs within this cluster that are separated by the type and frequency of the tasks performed. The **Entry-Level Exams Job** is defined by the high percent of their time spent (71 percent) performing the Dental Assistant Activities of Duty C. Furthermore, their relatively lower number of tasks performed (average of 39 tasks) and TAFMS (just over 2 years on average) speak to their entry-

Composition: 13 personnel 38% E-2, 38% E-3, 15% E-4 85% in first enlistment Average 28 months TAFMS Average 39 tasks performed

level status. Representative tasks performed by members of this job include:

- Perform 4-handed dentistry
- Assist with general dentistry procedures
- Set up or break down Dental Treatment Rooms (DTRs)
- Turn in instruments or hand pieces to dental instrument processing center (DIPC)
- Maintain DTR supply levels
- Prepare rubber dam clamps
- Assist with placing temporary restorations

Seventy-seven percent of the personnel in the job hold the 3-skill level, while the remaining 23 percent are 5-skill level members. They have just over 2 years time in the career field and 85 percent are in their first enlistment. The predominant paygrades are E-2 and E-3, with 38 percent of the job's members in each. E-4 personnel account for 15 percent of the personnel in the job.

The Preventive Dentistry Job is comprised of members performing an average of 87 tasks. They spend 41 percent of their time in the duty that defines them, Duty D, Performing Preventive Dentistry Activities. They are part of the cluster, however, and perform in the Dental Assistant Duty C, 23 percent of the time. These personnel spend a lot of their time briefing patients on tooth care, removing calculus from teeth,

Composition: 234 personnel 39% E-4, 38% E-5, 14% E-3 29% in first enlistment Average 99 months TAFMS Average 87 tasks performed

and giving fluoride treatments. Representative tasks for personnel in this job follow:

- Brief patients on formation of plaque and dental disease
- Evaluate patient oral hygiene techniques
- Remove calculus from teeth using hand instruments
- Identify presence of calculus on radiographs
- Set up or break down Dental Treatment Rooms (DTRs)
- Sharpen periodontal scaling instruments
- Polish teeth with rubber cups

Most personnel in this job hold the 5-skill level (65 percent). Three- and 7-skill level personnel account for 28 and 6 percent of the members, respectively. Personnel average 8 years TAFMS and 7 years in the career field. The predominant paygrades of this job are E-4 with 39 percent and E-5 with 38 percent. Only 29 percent of the members are in their first enlistment.

The main job in the cluster is the General Dentistry Job. Personnel in this job perform an average of 140 tasks, more than any other job in the specialty exhibiting their general dental assistant diversity. Fifty-two percent of their time is spent on Duty C, Dental Assistant activities. Fourteen percent of their time is spent on Duty B, Maintaining Treatment Areas, Equipment, and Instruments, and 12 percent

Composition: 504 personnel 33% E-4, 33% E-3, 16% E-5 68% in first enlistment Average 56 months TAFMS Average 140 tasks performed

of their time is spent on Duty E, Dental Radiography. Tasks which represent the General Dentistry Job are listed below:

- Set up and break down the Dental Treatment Rooms
- Perform 4-handed dentistry
- Seat and/or dismiss patients
- Assist with general dentistry procedures

- Maintain DTR supply levels
- Clean DTR supply storage areas
- Select and arrange instruments

Though these tasks appear similar to those performed by Entry-Level Exams Job personnel, this job is differentiated by the high number of tasks performed as well as a slight difference among experience factors. General Dentistry personnel average approximately 4.5 years TAFMS and 4 years in the career field. Sixty-five percent of the members hold the 3-skill level. Twenty-three percent and 3 percent hold the 5- and 7-skill levels, respectively. E-3 and E-4 personnel each account for 33 percent of the specialty job. Sixty-eight percent of the airmen in the job are in their first enlistment.

The **Surgery Job** contains members that average 93 tasks performed. Though they spend much of their time in the same duties in which other personnel in the cluster participate, many of their tasks are geared towards dental surgical procedures. A majority of their duty time is spent working on the dental assistant activities of Duty C (56 percent), followed by 14 percent of their time in Duty B, maintaining the

Composition: 71 personnel 48% E-4, 32% E-5, 11% E-3 30% in first enlistment Average 91 months TAFMS Average 93 tasks performed

treatment areas, equipment, and instruments. Seven percent of their time is spent on each of Duties D and E, preventive dentistry and dental radiography. Below are some tasks representative of the job these airmen perform:

- Scrub for surgical procedures in DTR
- Assist with IV sedations
- Retract patient cheeks, lips, or oral tissue
- Drape patients for surgical procedures in DTR
- Assist with clinical oral surgery procedures
- Prepare suturing materials
- Select and arrange instruments

Sixty-two percent of the personnel in this job hold the 5-skill level, 32 percent hold the 3-skill level, and the final 6 percent hold the 7-skill level. Personnel average 7.5 years TAFMS and 6.5 years in the career field. The paygrade distribution is as follows: 48 percent are E-4, 32 percent are E-5, 11 percent are E-3, and 9 percent are E-6. Thirty percent of the members of the job are in their first enlistment.

The final job in the cluster is the **Orthodontics Job**. Members of this job perform an average of 91 tasks. Similar to other jobs in the cluster, Orthodontics personnel spend much of their time in Duty C, Dental Assistant Activities (57 percent), and Duty B, Maintaining Treatment Areas, Equipment, and Instruments (14 percent). They also spend 9 percent of their

time with preventive dentistry activities of Duty D. However, they differentiate themselves because of the specific tasks they perform. Brackets, archwires, and elastics are just a few of the items used by members of this job that other personnel in the cluster do not use. Some of the representative tasks performed by Orthodontics personnel can be seen below:

Composition: 15 personnel 53% E-4, 40% E-5, 7% E-3 14% in first enlistment Average 99 months TAFMS Average 91 tasks performed

- Set up or break down DTRs
- Prepare brackets for bonding
- Assist with orthodontic procedures
- Seat and/or dismiss patients
- Select and arrange instruments
- Secure archwires with ligatures or elastics
- · Assist with placing brackets on teeth

Five-skill level personnel account for 73 percent of the job, while the remaining 23 percent are 3-skill level workers. Personnel average 8.2 years TAFMS and 6.5 years in the career field. Only 14 percent of the personnel in the job are in their first enlistment. A majority of the airmen in the job are in the paygrade E-4 (53 percent), while 40 percent are E-5 personnel and 7 percent are E-3 airmen.

II. X-RAY TECHNICIAN JOB (ST072). Sixtyone airmen group together to form this job. The personnel
who comprise this job perform an average of 64 tasks. They
primarily perform tasks under the Duty Title E, Dental
Radiography, as it accounts for 59 percent of their time.
Another 12 percent of their time is spent on management and
supervisory tasks of Duty G, followed by dental assistant
activities of Duty G, which accounts for 8 percent of their time

Composition: 61 personnel 52% E-5, 20% E-6, 18% E-4 11% in first enlistment Average 132 months TAFMS Average 64 tasks performed

activities of Duty C, which accounts for 8 percent of their time. Representative tasks performed by these incumbents include:

- Develop radiographic film
- Mount and label dental radiographs
- Shield patients from radiation
- Expose dental radiographs
- Place or remove infection control barriers on X-ray equipment
- Inspect quality of diagnostic radiographs
- Disinfect X-ray units and chairs

Personnel in this job are mostly 5-skill level technicians (70 percent), however, 3- and 7-skill level personnel account for 15 percent each. These airmen are averaging almost 11 years TAFMS and 9 years in the career field. The paygrade distribution further exemplifies their senior technician appearance; 52 percent are E-5, 20 percent are E-6, and 18 percent are E-4 personnel. Only 11 percent of the members are in their first enlistment.

CENTER (DIPC) JOB (ST057). The 43 personnel comprising this job perform the lowest number of tasks for any job or cluster in the sample, with 28 on average. Sixty-five percent of their time is spent in Duty B, maintaining treatment areas, equipment, and instruments. An additional 12 percent of their time is spent on management and

Composition: 43 personnel 49% E-5, 28% E-4, 9% E-6 25% in first enlistment Average 107 months TAFMS Average 28 tasks performed

supervisory tasks listed under Duty G. These airmen are responsible for sterilization of dental equipment and instruments. Representative tasks performed by these personnel follow:

- Prepare kits, packs, and trays for sterilization
- Sterilize and disinfect dental instruments
- Lubricate hand pieces
- Perform sterilization testing procedures
- Sterilize dental supplies, such as cotton rolls or gauze
- Clean dental instruments and sterilizers
- Review expiration dates of dental instruments, packs, or materials

Five-skill level members account for 72 percent of the job, while 21 percent are 3-skill level personnel, and the remaining 7 percent hold the 7-skill level. These airmen average 9.6 years TAFMS and 8 years in the career field. E-5 personnel account for 49 percent of the job and E-4 personnel account for another 28 percent. Twenty-five percent of the personnel in the job are in their first enlistment.

IV. <u>RECORDS/RECEPTION JOB (ST055)</u>. The 130 members of this job perform an average of 31 tasks. These personnel tend to be more senior than those in the jobs listed previously. Their seniority and tendency to practice administrative tasks in their job separate them from others. Fifty-two percent of their time is spent on Duty I, Performing General Administrative Activities. Twenty-five percent of the

Composition: 130 personnel 47% E-5, 28% E-6, 15% E-4 9% in first enlistment Average 140 months TAFMS Average 31 tasks performed

time they perform the management and supervisory tasks of Duty G. Some of the tasks which best represent this job are listed below:

- Schedule patients for appointments
- Initiate, inventory, and file dental health records
- Verify patient eligibility for care
- Retire dental health records of dependents or retirees
- Monitor AF dental readiness assurance programs
- Produce computer-generated documents, such as forms
- Identify dental readiness classification

Personnel in this job primarily hold the 5-skill level (57 percent), however, 30 percent also hold the 7-skill level and 13 percent hold the 3-skill level. These airmen average 11.7 years TAFMS and 10.7 years in the career field. Personnel generally categorize into either the E-5 (47 percent) or E-6 (28 percent) paygrades. Nine percent of the job members are in their first enlistment.

V. <u>SUPERVISOR JOB (ST046)</u>. These 144 personnel perform an average of 68 tasks. A majority of their time is spent with management and supervisory activities, Duty G (55 percent), but general administrative, Duty I, and training activities, Duty H, also account for 17 and 15 percent of their time, respectively. These people play a general supervisory role within the dental assistant career ladder.

Composition: 144 personnel 55% E-7, 24% E-6, 19% E-5 0% in first enlistment Average 197 months TAFMS Average 68 tasks performed

They are responsible for people and equipment. Ninety-seven percent of the members of this job are supervising other personnel. Several representative tasks performed by members of this job follow:

- Write or endorse military performance reports
- Counsel subordinates concerning personal matters
- Write recommendations for awards or decorations
- Produce computer-generated documents, such as forms
- Inspect and evaluate personnel for compliance with standards
 - Evaluate personnel for promotion, demotion, reclassification, or special awards
 - Conduct supervisory orientations for newly assigned personnel

This group is the most experienced of the jobs and clusters in the sample. Seventy-eight percent of the incumbents hold the 5-skill level, while another 22 percent hold the 7-skill level. The only 9-skill level respondent in the survey is represented in this job. Personnel average 16.3 years TAFMS and 14.7 years in the career field. They primarily hold the paygrade E-7 (55)

percent), however, 24 percent are E-6 personnel. No personnel in this job are in their first enlistment.

VI. <u>SUPPLY JOB (ST073)</u>. Seventy airmen form this job. They perform an average of 84 tasks, the top 20 of which are directly related to supply. In all, 48 percent of their time is spent on dental supply activities, Duty A, followed by 24 percent of their time in management or supervisory activities of Duty G. This senior group of airmen differentiated themselves with their focus on supply and

Composition: 70 personnel 46% E-5, 46% E-6, 7% E-7 0% in first enlistment Average 170 months TAFMS Average 84 tasks performed

supervision. Ninety-four percent of the incumbents supervise other personnel. Some of the representative tasks performed by members of this job are shown below:

- Order dental supplies
- Coordinate procurement of equipment and supplies with appropriate agencies
- Order nonmedical supplies
- Pick up or deliver equipment or supplies
- Research information in commercial supply publications
- Draft or write justifications for supply-related matters
- Evaluate supply problems

This group contains very experienced personnel. Five-skill level workers make up the majority of the job with 59 percent of the personnel. Seven-skill level workers account for 40 percent. Airmen in this job average 14.2 years in the service and 13 years in the career field. E-5 and E-6 paygrades have equal representation in the job with 46 percent each. There are no personnel in the first enlistment.

Summary

Though the 1,347 respondents all have the 4Y0X1 duty AFSC of Dental Assistants, not all personnel are accomplishing the same tasks. Throughout the career field, airmen separate into specific and measurable jobs. Most personnel can be considered technicians (Dental Generalist Cluster); however, even they have divisions of responsibilities amongst themselves with five distinct jobs. Other technical airmen are strictly responsible for x-rays and the Dental Instrument Processing Center. Senior personnel are given the jobs of Records/Reception, Supervisor, or Supply personnel.

TABLE 3

RELATIVE PERCENT TIME SPENT ON DUTIES BY SPECIALTY JOBS

DENTAL LEVEL PREVENT GEN	PERFORMING DENTAL SUPPLY ACTIVITIES 3 1 MAINTAINING TREATMENT AREAS, EQUIPMENT, AND INSTRUMENTS 14 14 14 INSTRUMENTS 45 71 23 PERFORMING DENTAL ASSISTANT ACTIVITIES 18 1 41 PERFORMING PREVENTIVE DENTISTRY ACTIVITIES 10 6 7 PERFORMING DENTAL RADIOGRAPHIC ACTIVITIES 2 1 2 PERFORMING MEDICAL READINESS ACTIVITIES 3 0 5 ACTIVITIES 3 0 5	0 3 4 4 4 DIPC REG	JOB JOB JOB (ST072) (ST057) (ST055) (N=61) (N=43) (N=130)	PERFORMING DENTAL SUPPLY ACTIVITIES MAINTAINING TREATMENT AREAS, EQUIPMENT, AND 4 65 INSTRUMENTS	PERFORMING DENTAL ASSISTANT ACTIVITIES PERFORMING PREVENTIVE DENTISTRY ACTIVITIES PERFORMING DENTAL RADIOGRAPHIC ACTIVITIES PERFORMING MEDICAL READINESS ACTIVITIES PERFORMING MANAGEMENT AND SUPERVISORY 12 13 25 ACTIVITIES	01
GENERAL DENTISTRY SURC JOB JC (ST082) (ST (N=504) (N=	2 14 14 11 10 10 12 2 2	1 4 SUPER- VISOR	JOB (ST046) (N=144)	£	3 0 2 4 55	15
SURGERY DONTIC JOB JOB (ST112) (ST093) (N=71) (N=15)	2 2 14 14 56 57 8 9 7 2 3 2 4 7	2 3 4 4 SUPPLY	JOB (ST073) (N=70)	48	5 1 2 24	S

TABLE 4

SELECTED BACKGROUND DATA FOR SPECIALTY JOBS

	DENTAL GENERALIST CHISTER	ENTRY-LVL EXAMS IOB	PREVENT DENTISTRY	GENERAL DENTISTRY	SURGERY	ORTHO- DONTICS
	(ST024)	(ST047)	(ST058)	(ST082)	JOB (ST112)	JOB (ST093)
NUMBER IN GROUP	849	13	234	504	71	15
PERCENT OF SAMPLE	63%	1%	17%	37%	2%	%1
PERCENT IN CONUS	72%	54%	40%	74%	72%	33%
DAFSC DISTRIBUTION;						
4Y031	51%	77%	28%	65%	32%	27%
4Y051	45%	23%	65%	33%	62%	73%
4Y071	4%	0	7%	2%	%9	0
4Y090	0	0	0	0	0	0
AVERAGE MONTHS IN CAREER FIELD	64	25	68	51	81	80
AVERAGE MONTHS IN SERVICE	72	28	66	56	91	66
PERCENT IN FIRST ENLISTMENT (1-48 MOS TAFMS)	52%	85%	29%	%89	30%	14%
PERCENT SUPERVISING	27%	%8	46%	17%	38%	47%
AVERAGE NUMBER OF TASKS PERFORMED	118	39	87	140	93	91
(CONTINUED FROM ABOVE)	X-RAY		RECORDS/	/SQ		
	TECH	DIPC	RECEPTION		SUPERVISOR	SUPPLY
	JOB	JOB	JOB		JOB	JOB
	(ST072)	(ST057)	(ST055)		(ST046)	(ST073)
NUMBER IN GROUP	61	43	130		44	70
PERCENT OF SAMPLE	2%	3%	10%		11%	2%
PERCENT IN CONUS	75%	%19	%69		2%	74%
DAFSC DISTRIBUTION:						
4Y031	15%	21%	13%		0	%1
4Y051	40%	72%	57%		2%	29%
4Y071	15%	7%	30%		2%	40%
4Y090	0	0	0		%	0
AVERAGE MONTHS IN CAREER FIELD	109	16	130		176	156
AVERAGE MONTHS IN SERVICE	132	107	140		76	170
PERCENT IN FIRST ENLISTMENT (1-48 MOS TAFMS)	11%	25%	%6		0	0
PERCENT SUPERVISING	74%	21%	78%		%16	94%
AVERAGE NUMBER OF TASKS PERFORMED	64	28	31		. 89	84

ANALYSIS OF DAFSC GROUPS

An analysis of DAFSC groups, in conjunction with the analysis of the career ladder structure, is an important part of each occupational survey. The DAFSC analysis identifies differences in tasks performed at the various skill levels. This information may then be used to evaluate how well career ladder documents, such as the AFMAN 36-2108 *Airman Classification*, Specialty Description and the Career Field Education and Training Plan, reflect what career ladder personnel are actually doing in the field.

The distribution of skill-level groups across the career ladder jobs is displayed in Table 5, while Table 6 offers another perspective by displaying the relative percent time spent on each duty across skill-level groups. These tables reflect the distribution of all personnel in the survey. A typical pattern of progression is noted within the AFSC 4Y0X1 career ladder. Personnel at the 3- and 5-skill levels work in the technical jobs of the career ladder and spend most of their time on technical tasks. As incumbents move up to the 7-skill level they perform supervisory tasks and spend very little time on technical tasks.

Skill-Level Descriptions

<u>DAFSC 4Y031</u>. Representing 36 percent of the survey sample, these 481 airmen perform an average of 107 tasks. Sixty-eight percent of this group work in the General Dentistry Job (Table 5) while an additional 14 percent perform in the Preventive Dentistry Job. Five percent of 3-skill level personnel group into the Surgery Job and 4 percent work in the Records/Reception Job.

Table 6 reflects the percent time spent on duties by DAFSC 4Y031 personnel. At the 3-skill level, their time is distributed among the technical tasks of duties B-E. Representative tasks performed by these members are listed in Table 7. Technical tasks, not surprisingly, account for most of these.

<u>DAFSC 4Y051</u>. The core of the career ladder are 5-skill level airmen. Their 619 members compose 46 percent of the survey sample. They perform an average of 92 tasks. These personnel are scattered throughout all of the specialty jobs (Table 5), however, 27 percent and 25 percent, respectively, perform in the General Dentistry and Preventive Dentistry jobs. Twelve percent of the members perform in the Records/Reception Job. Surgery, X-Ray Technician, and Supply each account for 7 percent of the skill-level airmen.

Table 6 denotes the duties in which 5-skill level personnel spend their time. Their time is spread across several different duties representing their experience and changing responsibilities. Table 8 lists representative tasks performed by these DAFSC 4Y051 personnel. Table 9 reflects those tasks which best differentiate the airmen holding 3-skill levels from the airmen holding

5-skill levels. This table shows that, while the 3-skill levels and 5-skill levels perform similar tasks, 3-skill level personnel are more concerned with technical dentistry procedures and 5-skill level airmen are more concerned with supervisory and training activities.

<u>DAFSC 4Y071</u>. These 246 members perform an average of 72 tasks and represent 18 percent of the survey sample. Table 5 shows the highest percentage of members (46 percent) are in the Supervisor Job. However, the Records/Reception Job accounts for 16 percent of the skill level members, and the Supply Job also contains 11 percent of the DAFSC personnel.

Table 6 reflects the percent time spent on duties by DAFSC 4Y071 members. Due to their experience, management and supervisory, administration, and training activities are the main components of their time. Very little of their time, comparatively, is spent on the technical tasks of the career field.

Representative tasks performed by 7-skill level members are reflected in Table 10. Table 11 displays those tasks which best differentiate between 5- and 7-skill levels. This table clearly shows the much higher devotion to management and supervisory tasks at the 7-skill level than the 5-skill level.

<u>DAFSC 4Y090</u>. The survey respondents included a single 9-skill level member. No analysis will be done on the 9-skill level because of the low number.

Summary

Progression of airmen through the Dental Assistant career ladder follows a typical pattern of highly technical job focus at the 3-skill level, with supervision and management broadening through the 7-skill level. Personnel at the 3-skill level are perfecting their skills in the General Dentistry Job primarily. Personnel hold a variety of primarily technical jobs as they gain the 5-skill level. Towards the end of their tenure in the 5-skill level and into the 7-skill level, airmen are pulled further away from the technical duties of the career field and given the responsibilities of management, supervision, and administration. There are no glaring anomalies in the pattern of progression.

TABLE 5

DISTRIBUTION OF DAFSC GROUP MEMBERS ACROSS SPECIALTY JOBS (PERCENT MEMBERS PERFORMING)

SPEC	SPECIAL TY JOBS	4Y031 (N=481)	4Y051	4Y071
I.	I. ENTRY-LEVEL EXAMS JOB		*	(14–240)
II.	PREVENTIVE DENTISTRY JOB	ı <u>5</u>		5 '
Ш.	GENERAL DENTISTRY JOB	t 0	C7 - 1	9
IV.	SURGERY JOB	°	17	S
>	V. ORTHODONTICS JOB	n	7	2
VI.	VI. X-RAY TECHNICIAN 10B	*	2	0
11/1		2	7	4
VII.	VII. DIPC JOB	2	5	-
VIII.	VIII. RECORDS/ RECEPTION JOB	4	12	, 4
X.	IX. SUPERVISOR JOB	0	! v	5 4
×	SUPPLY JOB	· •	ז כ	40
XI.	OTHER (Includes ungrouped and clustered personnel)	, w	3 '	11 6

^{*} Denotes less than 1 percent

TABLE 6

RELATIVE PERCENT TIME SPENT ON DUTIES ACROSS DAFSC GROUPS

1		4Y031 (N=481)	4Y051 (N=619)	4Y071 (N=246)
DO	CIED CONTRACTOR OF THE CONTRAC	2	8	∞
A	PERFORMING DENTAL SUPPLY ACTIVITIES	ı		
В	MAINTAINING TREATMENT AREAS, EQUIPMENT, AND INSTRUMENTS	15	13	က
C	PERFORMING DENTAL ASSISTANT ACTIVITIES	48	. 27	∞
D	PERFORMING PREVENTIVE DENTISTRY ACTIVITIES	13	14	3
田	PERFORMING DENTAL RADIOGRAPHIC ACTIVITIES	12	11	4
Ħ	PERFORMING MEDICAL READINESS ACTIVITIES	9	7	€ `
Ð	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	1	12	42
H	PERFORMING TRAINING ACTIVITIES	*	2	11
-	PERFORMING GENERAL ADMINISTRATIVE ACTIVITIES	7	11	18

^{*} Less than 1 percent

TABLE 7

REPRESENTATIVE TASKS PERFORMED BY DAFSC 4Y031 PERSONNEL

		PERCENT MEMBERS PERFORMING
TASK	S	(N=481)
B60	Set up or break down DTRs	. 91
C123	Maintain DTR supply levels	88
C125	Seat patients	87
B44	Clean dental treatment room (DTR) supply storage areas	83
C112	Dismiss patients	83
C73	Assist with exams, screenings, or preliminary diagnostic procedures	82
C98	Chart dental diseases or treatments	80
C178	Retract patient cheeks, lips, or oral tissues	79
B63	Turn in instruments or hand pieces to dental instrument processing center	78
	(DIPC)	
B 41	Clean amalgam traps	78
C114	Drape patients, other than for surgical procedures	75
B59	Review expiration dates of dental instruments, packs, or materials	74
C64	Adjust dental chairs	73
I404	Schedule patients for appointments	72
B42	Clean dental equipment, other than X-ray units	72
C72	Assist with etching teeth	72
C139	Perform four-handed dentistry	72
C69	Assemble or disassemble aspirating or anesthetic syringes	72
B49	Flush oral evacuator systems	71
C187	Select and arrange instruments	71
B43	Clean dental instruments	71
C75	Assist with general dentistry procedures	71
C192	Take and record vital signs	71
E254	Mount and label dental radiographs	71
B48	Disinfect dental instruments	70

^{*} Average Number of Tasks Performed - 107

TABLE 8

REPRESENTATIVE TASKS PERFORMED BY DAFSC 4Y051 PERSONNEL

TASK	S	PERCENT MEMBERS PERFORMING (N=619)
I404	Schedule patients for appointments	66
B60	Set up or break down DTRs	64
B59	Review expiration dates of dental instruments, packs, or materials	63
C185	Seat patients	62
I386	File dental health records	61
C123	Maintain DTR supply levels	61
C112	Dismiss patients	60
B44	Clean dental treatment room (DTR) supply storage areas	58
B50	Inspect operating conditions of dental equipment	58
B63	Turn in instruments or hand pieces to dental instrument processing center (DIPC)	58
I389	Initiate dental health records	57
H366	Conduct on-the-job training (OJT)	56
C64	Adjust dental chairs	56
C98	Chart dental diseases or treatments	55
C179	Review patient records for follow-up treatment	55
C178	Retract patient cheeks, lips, or oral tissues	54
C73	Assist with exams, screenings, or preliminary diagnostic procedures	53
B42	Clean dental equipment, other than X-ray units	53
C180	Screen patient records for contraindications to treatment	53
C114	Drape patients, other than for surgical procedures	53
G320	Counsel subordinates concerning personal matters	52
B49	Flush oral evacuator systems	52
E254	Mount and label dental radiographs	52
B43	Clean dental instruments	51
I406	Verify patient eligibility for care	51

^{*} Average Number of Tasks Performed - 92

TABLE 9

TASKS WHICH BEST DIFFERENTIATE BETWEEN DAFSC 4Y031 AND DAFSC 4Y051 (PERCENT MEMBERS PERFORMING)

TASKS		4Y031 (N=481)	4Y051 (N=619)	DIFFERENCE
C75 C91 C167 C136 C72 C166 C92 C71	Assist with general dentistry procedures Assist with placing rubber dams Prepare rubber dams Mix temporary filling materials Assist with etching teeth Prepare rubber dam clamps Assist with placing temporary restorations Assist with endodontic procedures	71 69 65 65 72 65 65	30 28 25 26 34 22	41 41 40 40 38 38
G320 G359 H367 H366 G317 G360 G344	Counsel subordinates concerning personal matters Write or endorse military performance reports Counsel trainees on training progress Conduct on-the-job training (OJT) Conduct supervisory performance feedback sessions Write recommendations for awards or decorations Inspect personnel for compliance with military standards Evaluate personnel for compliance with performance standards	4 5 5 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	52 44 48 56 45 42 45 41	-48 -43 -41 -41 -38 -35

TABLE 10

REPRESENTATIVE TASKS PERFORMED BY DAFSC 4Y071 PERSONNEL

TASK	S	MEMBERS PERFORMING (N=246)
G320	Counsel subordinates concerning personal matters	88
G360	Write recommendations for awards or decorations	85
G344	Inspect personnel for compliance with military standards	83
G317	Conduct supervisory performance feedback sessions	80
G359	Write or endorse military performance reports	79
G337	Evaluate personnel for compliance with performance standards	76
G319	Conduct supervisory orientations for newly assigned personnel	75
G338	Evaluate personnel for promotion, demotion, reclassification, or special awards	73
G343	Initiate actions required due to substandard performance of personnel	71
G333	Establish performance standards for subordinates	70
G322	Determine or establish work assignments or priorities	68
G346	Interpret policies, directives, or procedures for subordinates	68
I401	Produce computer-generated documents, such as forms or correspondence	65
H366	Conduct on-the-job training (OJT)	64
H367	Counsel trainees on training progress	63
G314	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	61
H368	Determine training requirements	61
G350	Prepare for facility inspections	61
G340	Identify and implement dental clinic process improvements	60
G328	Develop or establish work schedules	59
G356	Write job or position descriptions	58
G315	Conduct self-inspections or self-assessments	58
G312	Assign personnel to work areas or duty positions, other than to medical readiness mobility positions	57
G327	Develop or establish work methods or procedures	57

^{*} Average Number of Tasks Performed - 72

TABLE 11

TASKS WHICH BEST DIFFERENTIATE BETWEEN DAFSC 4Y051 AND DAFSC 4Y071 (PERCENT MEMBERS PERFORMING)

TASKS	S	4Y051 (N=619)	4Y071 (N=246)	DIFFERENCE
B60	Set up or break down DTRs	64	10	45
C185	Seat patients	62	18	ş 4
C123	Maintain DTR supply levels	61	17	43
B44	Clean dental treatment room (DTR) supply storage areas	58	15	43
C112	Dismiss patients	09	61	41
B63	Turn in instruments or hand pieces to dental instrument processing center (DIPC)	58	19	39
B49	Flush oral evacuator systems	52	13	38
86 2	Chart dental diseases or treatments	55	17	38
G322	Determine or establish work assignments or priorities	18	89	-51
G312	Assign personnel to work areas or duty positions, other than to medical	6	57	-48
7	readiness mobility positions			
G314	Conduct general meetings, such as staff meetings, briefings, conferences, or	19	61	-43
	workshops			
G360	Write recommendations for awards or decorations	42	85	-43
G338	Evaluate personnel for promotion, demotion, reclassification, or special awards	29	73	-43
G328	Develop or establish work schedules	17	59	-41
G356	Write job or position descriptions	17	58	-41
G354	Schedule personnel for temporary duty (TDY) assignments, leaves, or passes	9	46	-40

TRAINING ANALYSIS

Occupational survey data are one of many sources of information which can be used to assist in the development of a training program relevant to the needs of personnel in their first enlistment. Factors which may be used in evaluating training include the overall description of the work being performed by first-enlistment personnel and their overall distribution across career ladder jobs, percentages of first-enlistment (1-48 months TAFMS) members performing specific tasks, as well as TE and TD ratings (previously explained in the SURVEY METHODOLOGY section).

First-Enlistment Personnel

In this study, there are 484 members in their first-enlistment (1-48 months TAFMS), representing 36 percent of the total survey sample. Figure 2 reflects the distribution of first-enlistment personnel within the career ladder. Most of their duty time is spent in technical jobs working on technical activities. Table 12 displays the relative percent of time spent on duties by first-enlistment personnel. Reviewing the table, first-enlistment personnel spend 89 percent of their time performing the technical tasks of Duties B-E.

Table 13 lists representative tasks performed by first-enlistment personnel. Nearly all of the tasks fall within the technical Duties B-E. To further illustrate the technical aspects of the first-enlistment members, Table 14 provides the equipment used by 25 percent or more of the personnel.

DISTRIBUTION OF 4Y0X1 FIRST-ENLISTMENT PERSONNEL ACROSS SPECIALTY JOBS

(N=484)

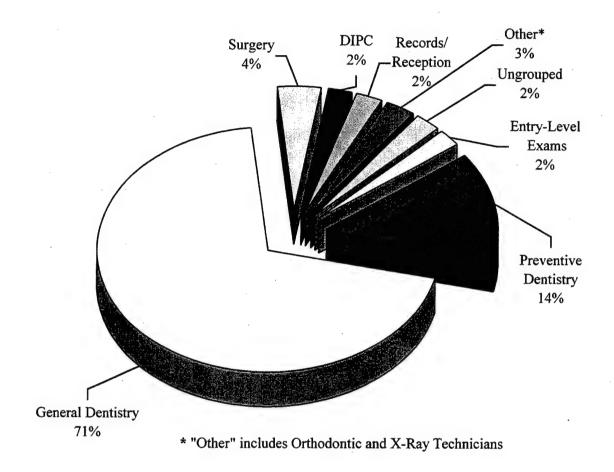


FIGURE 2

TABLE 12

RELATIVE PERCENT TIME SPENT ON DUTIES BY FIRST-ENLISTMENT PERSONNEL (N=484)

DU	TIES	PERCENT TIME SPENT
A	PERFORMING DENTAL SUPPLY ACTIVITIES	2
В	MAINTAINING TREATMENT AREAS, EQUIPMENT, AND INSTRUMENTS	16
С	PERFORMING DENTAL ASSISTANT ACTIVITIES	48
D	PERFORMING PREVENTIVE DENTISTRY ACTIVITIES	13
E	PERFORMING DENTAL RADIOGRAPHIC ACTIVITIES	12
F	PERFORMING MEDICAL READINESS ACTIVITIES	2
G	PERFORMING MANAGEMENT AND SUPERVISORY ACTIVITIES	1
Н	PERFORMING TRAINING ACTIVITIES	*
I	PERFORMING GENERAL ADMINISTRATIVE ACTIVITIES	5

^{*} Denotes less than 1 percent performing

TABLE 13 REPRESENTATIVE TASKS PERFORMED BY AFSC 4Y0X1 PERSONNEL IN THEIR FIRST ENLISTMENT

PERCENT MEMBERS PERFORMING TASKS (N=484)92 B60 Set up or break down DTRs C123 Maintain DTR supply levels 88 C185 88 Seat patients Assist with exams, screenings, or preliminary diagnostic procedures C73 84 Dismiss patients 83 C112 Clean dental treatment room (DTR) supply storage areas 83 **B44** C98 Chart dental diseases or treatments 82 80 C178 Retract patient cheeks, lips, or oral tissues Clean amalgam traps B41 79 Turn in instruments or hand pieces to dental instrument processing center (DIPC) 77 B63 C114 Drape patients, other than for surgical procedures 76 Assist with etching teeth C72 75 Review expiration dates of dental instruments, packs, or materials B59 74 Clean dental equipment, other than X-ray units B42 74 C69 Assemble or disassemble aspirating or anesthetic syringes 74 C75 Assist with general dentistry procedures 73 C139 Perform four-handed dentistry 73 C187 Select and arrange instruments 73 C64 Adjust dental chairs 73 B43 Clean dental instruments 72 **B48** Disinfect dental instruments 72 B49 Flush oral evacuator systems 72 E254 Mount and label dental radiographs 71 Assist with placing rubber dams C91 71 **I404** Schedule patients for appointments 70

^{*} Average Number of Tasks Performed -108

TABLE 14

EQUIPMENT USED BY 25 PERCENT OR MORE FIRST-ENLISTMENT AFSC 4Y0X1 PERSONNEL

	1ST ENL
EQUIPMENT	(N=484)
D. 10	0.1
Blood Pressure Apparatus, Manual	81
Amalgamator	70
Radiographic Equipment, Panoramic	68
Blood Pressure Apparatus, Electronic	64
Dental Hand Instrument	61
Radiographic Processing Equipment, Automatic	60
Cavitron	58
Radiographic Equipment, Intra Oral	54
Suction Apparatus	52
Dental Hand Piece, Low-Speed Air	50
Lightcure System	50
Ultrasonic Instrument Cleaner	50
Radiographic Equipment, Duplicating	48
Dental Operating Unit	46
Instrument Washer/Disinfector	46
Printer, Computer	45
Office Copying Equipment	44
Radiographic Processing Equipment, Manual	43
Personal Computer (PC)	42
Sterilizer, Steam	41
Pulp Tester	40
Central Evacuation System	39
Oxygen Equipment	39
Dental Hand Piece, High-Speed Fiber-Optic	38
Demonstration Teeth Set	36
Automatic Hand Piece Cleaner and Lubricator	35
ProphyJet	. 32
Alginator	31
Dental Hand Piece, High-Speed (Not Fiber-Optic)	31
Radiographic Equipment, Mobile	31
Sonic Scaler	31
Water Distiller	31
Light, Operating	30
Light, Fiber-Optic	29
Thermometer, Electronic (Oral)	29
Alcohol Torch	28
Spore Test Incubator	27
Cavijets	26
Mechanical Spatula, such as Whip Mix	26
Dental Hand Diece Low-Speed Flectric	25

Training Emphasis (TE) and Task Difficulty (TD) Data

TE and TD data are secondary factors that can assist technical school personnel in deciding which tasks should be emphasized in entry-level training. These ratings are based on the judgments of senior career ladder NCOs working at operational units in the field. They are collected to provide training personnel with a rank-ordering of those tasks in the JI considered important for first-enlistment personnel training, along with a measure of the difficulty of the JI tasks. When combined with data on the percentages of first-enlistment personnel performing tasks, comparisons can then be made to determine if training adjustments are necessary. For example, tasks receiving high ratings on both task factors, accompanied by moderate to high percentages performing, may warrant resident training. Those tasks receiving high task factor ratings, but low percentages performing, may be more appropriately planned for OJT programs within the career ladder. Low task factor ratings may highlight tasks best omitted from training for first-enlistment personnel, but this decision must be weighed against percentages of personnel performing the tasks, command concerns, and criticality of the tasks.

To assist technical school personnel, AFOMS has developed a computer program that incorporates these secondary factors and the percentage of first-enlistment personnel performing each task to produce an Automated Training Indicator (ATI) for each task. These indicators correspond to training decisions listed and defined in the Training Decision Logic Table found in Attachment 2, AETCI 36-2601, and allows course personnel to quickly focus their attention on those tasks which are most likely to qualify for initial resident course consideration.

Table 15 presents tasks with the highest TE ratings for AFSC 4Y0X1 first-enlistment airmen, while Table 16 displays those tasks AFSC 4Y0X1 raters judged to be most difficult to learn. For example, TE raters (refer to Table 15) reported that tasks such as setting up or breaking down dental treatment rooms require a high degree of training emphasis and, from the data, most airmen in their first job and within their first enlistment are performing these tasks. However, it is a relatively easy task to learn according to senior NCOs. Table 16 shows TD raters reported assisting with forensic identifications to be among the most difficult tasks to learn. However, due to the low numbers of individuals performing these types of tasks, they would be inappropriate for inclusion in a resident curriculum and are more appropriately taught as OJT items.

Various lists of tasks, accompanied by TE and TD ratings, and where appropriate, ATI information, are contained in the TRAINING EXTRACT package and should be reviewed in detail by training school personnel. (For a more detailed explanation of TE and TD ratings, see <u>Task Factor Administration</u> in the **SURVEY METHODOLOGY** section of this report.)

TABLE 15

TASKS RATED HIGHEST IN TRAINING EMPHASIS

			PERCENT MEMBERS PERFORMIN	PERCENT MEMBERS PERFORMING	
,		DNI	1ST JOB	IST ENL	TASK
TASKS		EMP*	(N=181)	(N =484)	DIFF**
B60	Set up or break down DTRs	69.7	94	92	3.97
B61	Sterilize dental instruments	7.51	62	19	3.80
C67	Administer or practice cardiopulmonary resuscitation (CPR)	7.49	37	41	5.59
C139	Perform four-handed dentistry	7.31	83	73	4.61
B59	Review expiration dates of dental instruments, packs, or materials	7.23	92	74	2.60
C140	Perform hypertension screenings	7.20	44	54	4.00
B62	Sterilize dental supplies, such as cotton rolls or gauze	7.14	54	20	3.33
I 406	Verify patient eligibility for care	7.11	50	52	3.92
B54	Prepare kits, packs, and trays for sterilization	7.11	70	<i>L</i> 9	4.26
C75	Assist with general dentistry procedures	7.06	85	73	4.99
B48	Disinfect dental instruments	7.06	92	72	2.94
C138	Observe patients for adverse reactions during treatment	7.03	69	69	4.41
B52	Lubricate hand pieces	7.03	69	65	3.81
C98	Chart dental diseases or treatments	7.00	98	82	5.08
E262	Shield patients from radiation	6.91	73	69	3.53
I 404	Schedule patients for appointments	68.9	7.1	70	4.12
C126	Manage syncopes	68.9	12	91	5.40
B43	Clean dental instruments	98.9	74	72	2.92
89)	Aspirate and irrigate oral cavities	98.9	57	65	3.60
C178	Retract patient cheeks, lips, or oral tissues	98.9	82	80	3.49
E232	Adjust X-Ray unit controls, such as kilovoltage peak (kVP), milliamperage (mA), or time	6.83	59	59	5.22
B44	Clean dental treatment room (DTR) supply storage areas	6.83	83	83	2.88
C123	Maintain DTR supply levels	08.9	91	88	3.76
692	Assemble or disassemble aspirating or anesthetic syringes	6.77	77	74	3.39

^{*} Mean TE Rating is 3.56, and Standard Deviation is 2.33 (High TE = 5.89)
** Average TD Rating is 5.00

TABLE 16

TASKS RATED HIGHEST IN TASK DIFFICULTY

		l-mi-	Id	RCFNT	MRERS P	PERCENT MEMBERS PEREORMING	·	
				TATOON IN	JAIDEINO I	ALL CIVILIA	- 1	
	_		IST	1ST ENL	3-SKL	5-SKL	7-SKL	
		TASK	JOB		LVL	LVL	LVL	TNG
TASKS		DIFF	(N=181)	(N=484)	(N=193)	(966=N)	(N=608)	EMP
1								
C78	Assist with operating room (OR) oral surgery procedures	7.57	35	31	30	13	4	3.34
G330	Draft host-tenant or interservice agreements	6.90		_	-	0	6	.46
D231	Write dental health articles	98.9	4	7	7	6	10	1.34
G332	Establish organizational policies, such as operating instructions (OIs) or	6.81	_	1		12	46	49
	standard operating procedures (SOPs)					!	?	<u>.</u>
G316	Conduct staff assistance visits, inspections, or audits	08.9	*****	2	7	4	79	.34
H369	Develop formal course curricula, plans of instruction (POIs), or specialty	6.77	0	0	0	8	6	.40
	training standards (STSs)							
C74	Assist with forensic identifications	6.72	6	10	11	11	7	2.74
G331	Draft supplements or changes to directives, such as policy directives,	6.71	_	1	1	S	31	09:
	instructions, or manuals							
G329	Draft budget requirements	99.9	_	1	_	9	31	.74
D221	Remove subgingival calculus from implants	99.9	9	14	13	23	7	2.49
F265	Assemble or disassemble OR or dental equipment, instruments, or	6.65	∞	11	11	11	3	2.51
	supplies for air transportable hospitals (ATHs)							
D222	Remove subgingival calculus from teeth using periodontal hand	6.65	91	34	34	41	=	4.26
	instruments							
F303	Perform inpatient surgical care under field conditions	6.65	4	4	S	_	1	.80
F266	Assemble or disassemble surgical tents	6.64	12	11	=	7	4	2.14
H370	Develop training programs, plans, or procedures	09.9	1	-	7	20	35	69.
G349	Plan layouts of facilities	95.9		0	0	7	18	.20
H371	Develop written tests	6.53	0	_	7	111	20	69.
D223	Remove subgingival calculus from teeth using sonic scaling units	6.49	10	25	24	27	7	2.31
F301		6.46	17	91	15	∞	9	2.23
F267	Assemble or disassemble tents, other than surgical tents	6.45	12	13	14	Ξ	7	2.31
F307	Set up or take down equipment or supplies in mobile laboratory facilities	6.43	4	4	4	-	2	1.51
G358	Write or endorse civilian performance appraisals	6.43		0	0		27	.20

^{*} Mean TE Rating is 3.56, and Standard Deviation is 2.33 (High TE = 5.89)
** Average TD Rating is 5.00

Specialty Training Standard (STS)

A comprehensive review of STS 4Y0X1, dated May 1997, compared STS items to survey data. STS elements containing general knowledge information, mandatory entries, subject-matter-knowledge-only requirements, or basic supervisory responsibilities were not examined, unless desired by SMEs. Task knowledge and performance elements of the STS were compared against the standard set forth in AETCI 36-2601 and AFI 36-2623. Typically, STS sections and subsections matched to tasks which have sufficiently high TE ratings, and are performed by at least 20 percent of the personnel in skill-level groups such as first-enlistment (1-48 months TAFMS), are considered to be supported and should be considered for inclusion in the STS. Likewise, paragraphs having tasks with less than 20 percent performing across all of the criterion groups should be considered for deletion from the STS.

To assist specifically in evaluation of the STS, technical school personnel from 381 TRS/XWAA matched tasks to appropriate sections and subsections of the Dental Assistant STS 4Y0X1, dated May 1997. The matching was a way to validate the STS contained the proper information. A complete computer listing displaying the percent members performing tasks and TE ratings for each task, along with the STS matching, has been forwarded to the technical school for the use in further detailed reviews of appropriate training documents. A summary of this information is presented below.

Overall, the STS provides comprehensive coverage of the work performed by personnel in this career ladder, with survey data supporting nearly all of the essential elements. Those elements not supported are listed in Table 17. Several elements with no performance coding (either dashed or knowledge coded) have high percentages of personnel performing matched tasks and should be reviewed by training personnel for possible inclusion in the basic course. Some examples are shown in Table 18.

Tasks not referenced to any element of the STS are listed at the end of the STS computer listing. These tasks were reviewed to determine if there were any tasks concentrated around any particular function or job. Survey results and discussions with technical school personnel reflect no need for these unmatched tasks to be referenced in the STS.

Plan of Instruction (POI)

A comprehensive review of the POI J3ABR4Y031-003, dated September 1998, compared survey data to POI items. POI paragraphs containing general knowledge information and written test requirements were not compared, unless desired by training school personnel. Elements with performance objectives were compared against the standard set forth in AETCI 36-2601, paragraph 2.5. Typically, POI items matched to tasks which have sufficiently high TE ratings, and are performed by at least 30 percent of personnel in skill-level groups such as first-job (1-24 months TAFMS) and first-enlistment (1-48 months TAFMS), are considered to be supported and should be considered for inclusion in the POI. Likewise, paragraphs having tasks with less than 30 percent performing across the criterion groups should be considered for deletion.

Similar to the STS match, technical school personnel were asked to match performance-coded items in the POI to the tasks of the JI. A complete computer listing displaying the percent members performing tasks and TE and TD ratings for each task, along with the POI matching, has been forwarded to the technical school for use in further detailed reviews of appropriate training documents. A summary of this information is presented here.

Every performance-coded learning objective in the POI was matched successfully to at least one task from the JI. Survey results supported the elements in the POI. However, there were a number of tasks in the job inventory which were not matched to the POI that warrant discussion by training personnel. These tasks have high TE and TD ratings, coupled with high percent members performing in the first enlistment and first job. A complete listing of the unmatched tasks is attached to the back of the POI supplement given to the technical school while a few of the representative tasks are presented in Table 19.

TABLE 17

STS 4Y0X1 PERFORMANCE-CODED ELEMENTS NOT SUPPORTED BY OCCUPATIONAL SURVEY DATA (PERCENT MEMBERS PERFORMING)

^{*} Mean TE Rating is 3.56, and Standard Deviation is 2.33 (High TE = 5.89)

^{**} Average TD Rating is 5.00

TABLE 18

EXAMPLES OF TECHNICAL TASKS PERFORMED BY AFSC 4Y0X1 GROUP MEMBERS SUGGESTED FOR PROFICIENCY CODE REVIEW TO PERFORMANCE CODING (PERCENT MEMBERS PERFORMING)

Mean TE Rating is 3.56, and Standard Deviation is 2.33 (High TE = 5.89) Average TD Rating is 5.00

TABLE 19

EXAMPLES OF TASKS NOT MATCHED TO THE POI J3ABR4Y031-003, DENTAL ASSISTANT APPRENTICE COURSE

PERCENT

			MEMBERS PERFORMING	BERS RMING		
TASKS		TNG #MH	1ST JOB	1ST ENL	TASK	A T.I
		Civil	(101–101)	(14-404)	DIFF	AII
C73	Assist with exams, screenings, or preliminary diagnostic procedures	69.9	90	84	4.66	18
C62	Assist with placing temporary restorations	6.63	11	89	4.38	18
D200	Assemble or disassemble prophylaxis hand pieces	5.91	48	62	4.04	18
E244	Expose panoramic radiographs	6.63	63	62	5.56	18
E257	Place radiographic film in cassettes	6.17	20	52	4.22	18
27.5	Assist with endodontic procedures	99.5	72	63	5.46	17
C\$2	Assist with prosthodontic procedures	5.51	64	57	5.70	17
68 53 53 53	Assist with placing medication in root canals	5.54	59	53	4.40	17
C115	Etch teeth	90.9	59	59	4.32	17
20198	Apply pit and fissure sealants	5.17	43	50	5.17	17
D217	Polish teeth with rubber cups	5.49	27	50	4.53	17
E237	Duplicate radiographs	5.77	46	50	4.48	17
C13	Assist with IV sedations	4.86	43	45	6.32	15
6/2 C:	Assist with orthodontic procedures	3.69	32	31	5.85	15
z 8	Assist with periodontic procedures	4.89	49	44	5.79	15
8 8 8	Assist with placing periodontal dressings	4.14	33	32	4.66	15
£ 53	Assist with requests for medical service consultations	4.89	42	42	4.34	15
C101	Collect biohazardous materials for disposal, other than sharps	5.83	35	35	4.35	15
C104	Coordinate cases with dental lab	5.00	34	39	4.11	15
C141	Place amaigam	4.60	36	34	4.25	15
CIBI	Prepare IV materials	5.03	37	38	4.98	15

Mean TE Rating is 3.56, and Standard Deviation is 2.33 (High TE = 5.89) Average TD Rating is 5.00* *

JOB SATISFACTION ANALYSIS

An examination of the job satisfaction indicators of various groups can give career ladder managers a better understanding of some of the factors which may affect the job performance of airmen in the career ladder. Attitude questions covering job interest, perceived utilization of talents and training, sense of accomplishment from work, and reenlistment intentions were included in the survey to provide indications of job satisfaction.

Table 20 presents job satisfaction data for AFSC 4Y0X1 TAFMS groups, together with TAFMS data for a comparative sample of Medical career ladders surveyed in 1997. The first-enlistment airmen rated nearly the same as the comparable sample in all areas of job satisfaction. Second-enlistment and career personnel, however, show noticeably less job interest. Perhaps the worst figure is the reenlistment intention for second-enlistment airmen; 47 percent plan on not reenlisting. First-enlistment and career intentions for reenlistment, while not meeting the Air Force goals of 55 percent and 95 percent retention, respectively, are similar to their comparative samples.

Table 21 presents job satisfaction data for the specialty jobs found in the Dental Assistant career ladder. Areas of concern include the Entry-Level Exams Job, of which only 54 percent of the incumbents considered the job interesting and 54 percent said they did not intend to reenlist. Personnel in the Orthodontics Job also plan on not reenlisting at a figure of 53 percent. Airmen working the DIPC Job appear to be least satisfied in the career field. Their answers in the survey placed them last in nearly every job satisfaction question. Forty-four percent of the airmen in the job claimed their job was so-so or dull, 41 percent and 28 percent said they utilized their talents and training, respectively, little or not at all. They claimed the lowest sense of accomplishment, only 44 percent were satisfied and 33 percent were dissatisfied. Only 47 percent plan on reenlisting at their next opportunity. Low reenlistment intentions among a relatively experienced group of personnel creates a potential problem in the future of the career ladder.

White Uniform Response

Personnel in the survey were asked how often they wear white uniforms to perform duties. Fifty-three percent of the respondents say they never wear whites. There is a population, across skill-levels, TAFMS, and specialty job groupings, however, that wears the white uniform much of the time. Sixty-two percent of 3-skill level personnel, 48 percent of 5-skill level airmen, and 24 percent of 7-skill level personnel wear the whites at least once a week. Nineteen percent of 3-skill level personnel, 15 percent of 5-skill level personnel, and 8 percent of 7-skill level personnel wear the whites 5 times a week. Table 22 shows the basic results.

Personnel also responded frequently with write-in comments in regards to this question in the survey. The typical response related their inability to find replacement whites when their issued ones become worn. Personnel who were compelled to write-in comments (a great minority of the survey respondents) liked to wear the white uniform. There were no negative write-in comments on the issue of the white uniform.

TABLE 20

COMPARISON OF JOB SATISFACTION INDICATORS BY TAFMS GROUPS (PERCENT MEMBERS PERFORMING)

	1-48 MO	1-48 MOS TAFMS	49-96 MOS TAFMS	S TAFMS	97+ MOS TAFMS	TAFMS
	1998	COMP	1998	COMP	1998	COMP
	4Y0X1	SAMPLE*	4Y0X1	SAMPLE*	4Y0X1	SAMPLE*
	(N=484)	(N=711)	(N=187)	(N=446)	(N=676)	(N=1018)
EXPRESSED JOB INTEREST:						
CINITOGGERIN	i	ć	ţ	ì	i	ì
INTERESTING SO-SO	/4 16	0/ 18	67	76	71	81
DULL	10	12	14	6	01	9
PERCEIVED UTILIZATION OF TALENTS:						
FAIRLY WELL TO PERFECTLY	83	78	84	85	84	88
LITTLE OR NOT AT ALL	17	22	16	15	16	12
PERCEIVED UTILIZATION OF TRAINING:						
FAIRLY WELL TO PERFECTLY	94	93	95	92	06	68
LITTLE OR NOT AT ALL	9	7	2	*	10	11
SENSE OF ACCOMPLISHMENT GAINED FROM WORK:						
SATISFIED	74	70	70	75	7.1	78
NEUTRAL	11	14	19	4	- - -	€ ∞
DISSATISFIED	15	16	=	=	18	14
REENLISTMENT INTENTIONS:						
YES, OR PROBABLY YES	47	51	. 53	64	89	71
NO, OR PROBABLY NO	53	49	47	36	13	10
PLAN TO RETIRE	0	0	0	0	61	19

^{*} Comparative sample of Medical career ladders surveyed in 1997 include the 4A1X1, 4E0X1, and 4R0X1 AFSCs

TABLE 21

COMPARISON OF JOB SATISFACTION INDICATORS BY SPECIALTY JOBS (PERCENT MEMBERS PERFORMING)

	DENTAL GENERALIST CLUSTER	ENTRY- LVL EXAMS IOB	PREVENTIVE DENTISTRY IOR	GENERAL DENTISTRY IOR	SURGERY	ORTHO- DONTICS	
	(ST024) (N=849)	(ST047) (N=13)	(ST058) (N=234)	(ST082) (N=504)	(ST112) (N=71)	(ST093) (N=15)	
EXPRESSED JOB INTEREST:							
INTERESTING SO-SO DULL	73 17 10	54 38 8	72 16 12	71 17	8 8	87 13 0	
PERCEIVED UTILIZATION OF TALENTS:							
FAIRLY WELL TO PERFECTLY LITTLE OR NOT AT ALL	84	69 31	86	83 17	96	93	
PERCEIVED UTILIZATION OF TRAINING:							
FAIRLY WELL TO PERFECTLY LITTLE OR NOT AT ALL	94	100	93	94	94	93	
SENSE OF ACCOMPLISHMENT GAINED FROM WORK:							
SATISFIED NEUTRAL DISSATISFIED	73 12 15	69 23 8	74 11 15	71 14 15	8 8 8	93	
REENLISTMENT INTENTIONS:							
YES, OR PROBABLY YES NO, OR PROBABLY NO WILL RETIRE	55 41 4	46 54 0	61 34 5	52 46 2	63 32 5	47 53 0	

TABLE 21 (CONTINUED)

COMPARISON OF JOB SATISFACTION INDICATORS BY SPECIALTY JOBS (PERCENT MEMBERS PERFORMING)

	X-RAY TECHNICIAN JOB (ST072)	DIPC JOB (ST057)	RECORDS/ RECEPTION JOB (ST055)	SUPERVISOR JOB (ST046)	SUPPLY JOB (ST73)
	(N=61)	(N=43)	(N=130)	(N=144)	(N=70)
EXPRESSED JOB INTEREST:					
INTERESTING SO-SO DULL	67 20 13	56 23 21	70 20 10	72 19 9	74 17 9
PERCEIVED UTILIZATION OF TALENTS:					
FAIRLY WELL TO PERFECTLY LITTLE OR NOT AT ALL	77 23	.59	88 12	87 13	89
PERCEIVED UTILIZATION OF TRAINING:					
FAIRLY WELL TO PERFECTLY LITTLE OR NOT AT ALL	96	72 28	94	92	89
SENSE OF ACCOMPLISHMENT GAINED FROM WORK:					
SATISFIED NEUTRAL DISSATISFIED	68 16 16	44 23 33	66 18 15	80 5 15	76 10 14
REENLISTMENT INTENTIONS:					
YES, OR PROBABLY YES NO, OR PROBABLY NO WILL RETIRE	72 16 12	47 44 9	72 14 14	56 9 35	76 10 14

TABLE 22

AFSC 4Y0X1 PERSONNEL DUTY WEAR OF THE MEDICAL WHITE UNIFORM

NEVER ONCE A WEEK TWICE A WEEK 3 TIMES A WEEK 4 TIMES A WEEK
--

OVERSEAS 4Y051 (N=190)	99	5	4	7	12	7
CONUS 4Y051 (N=429)	46	5	3	7	20	19
4Y071 (N=246)	77	4	2	5	4	&
4Y051 (N=619)	53	5	3	7	17	15
4Y031 (N=481)	39	10	4	9	22	19
97+ SOM (N=676)	62	S	8	9	=	13
49-96 MOS (N=187)	47	7	4	. L	22	13
1-48 MOS (N=484)	38	6	5	9	22	20

IMPLICATIONS

This survey was initiated to provide current job and task data for use in evaluating the AFMAN 36-2108 *Specialty Description* and appropriate training documents.

Survey results indicate that the present classification structure, as described in the latest specialty description, accurately portrays the jobs performed in the career ladder. Career ladder training documents appear, on the whole, to be well supported by survey data, but require further review to ensure appropriate proficiency coding. The career ladder progression follows a typical pattern of highly technical 3-skill level jobs transitioning to highly supervisory 7-skill level jobs.

Job satisfaction is fairly high for first-enlistment personnel and declines, compared to other medical career fields, with time in service. This career ladder has lower than desired reenlistment intentions for all first-enlistment, second-enlistment and career groups. Additionally, personnel in the DIPC Job are clearly the least satisfied in the career field. About 47 percent of the personnel surveyed claim that they wear their white uniform at least once a week.

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APPENDIX A

SELECTED REPRESENTATIVE TASKS PERFORMED BY SPECIALTY JOB GROUPS

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DENTAL GENERALIST CLUSTER (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT
		MEMBERS
TASK	c	PERFORMING (N=849)
IASK	3	(14-649)
B60	Set up or break down DTRs	97
C123	Maintain DTR supply levels	95
C185	Seat patients	92
C112	Dismiss patients	90
B44	Clean dental treatment room (DTR) supply storage areas	88
C178	Retract patient cheeks, lips, or oral tissues	85
C73	Assist with exams, screenings, or preliminary diagnostic procedures	85
C98	Chart dental diseases or treatments	85
C114	Drape patients, other than for surgical procedures	82
B63	Turn in instruments or hand pieces to dental instrument processing center	82
	(DIPC)	•
B49	Flush oral evacuator systems	80
C64	Adjust dental chairs	80
B59	Review expiration dates of dental instruments, packs, or materials	79
B42	Clean dental equipment, other than X-ray units	78
C187	Select and arrange instruments	76
C179	Review patient records for follow-up treatment	76
I404	Schedule patients for appointments	75
C192	Take and record vital signs	75
C68	Aspirate and irrigate oral cavities	73
D203	Brief patients on home care of teeth or prostheses	72
C138	Observe patients for adverse reactions during treatment	72
B48	Disinfect dental instruments	72
D202	Brief patients on hazards of tobacco use on oral health conditions	. 70
D201	Brief patients on formation of plaque and relationship to dental disease	69
C139	Perform four-handed dentistry	69
D213	Identify presence of calculus on diagnostic radiographs	65
D211	Evaluate patient oral hygiene techniques	64

ENTRY-LEVEL EXAMS JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT MEMBERS PERFORMING
TASKS		(N=13)
		(
C75	Assist with general dentistry procedures	92
B60	Set up or break down DTRs	92
C73	Assist with exams, screenings, or preliminary diagnostic procedures	92
C139	Perform four-handed dentistry	85
C92	Assist with placing temporary restorations	8 5
C98	Chart dental diseases or treatments	8 5
C91	Assist with placing rubber dams	85
B63	Turn in instruments or hand pieces to dental instrument processing center (DIPC)	77
C123	Maintain DTR supply levels	77
C166	Prepare rubber dam clamps	77
C84	Assist with placing amalgam	77
C167	Prepare rubber dams	69
C136	Mix temporary filling materials	69
C130	Mix dental cements	69
B 41	Clean amalgam traps	69
C170	Prepare topical anesthetics or medications	62
C133	Mix impression materials	62
C69	Assemble or disassemble aspirating or anesthetic syringes	62
C72	Assist with etching teeth	62
C64	Adjust dental chairs	62
C185	Seat patients	54
C129	Mix composite resins	. 54
C128	Mix bases	54
C135	Mix silver alloys	46
C114	Drape patients, other than for surgical procedures	46
C102	Collect sharps for disposal	46
B44	Clean dental treatment room (DTR) supply storage areas	46
C112	Dismiss patients	38
I386	File dental health records	38
I404	Schedule patients for appointments	38

PREVENTIVE DENTISTRY JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT MEMBERS
	·	PERFORMING
TASK	S	(N=234)
D213	Identify presence of calculus on diagnostic radiographs	96
B60	Set up or break down DTRs	96
D201	Brief patients on formation of plaque and relationship to dental disease	95
D211	Evaluate patient oral hygiene techniques	95
D226	Remove supragingival calculus from teeth using periodontal hand instruments	94
D228	Remove supragingival calculus from teeth using ultrasonic scaling units	93
D202	Brief patients on hazards of tobacco use on oral health conditions	93
D229	Sharpen periodontal scaling instruments	93
D203	Brief patients on home care of teeth or prostheses	92
D200	Assemble or disassemble prophylaxis hand pieces	91
D222	Remove subgingival calculus from teeth using periodontal hand instruments	90
D217	Polish teeth with rubber cups	90
D224	Remove subgingival calculus from teeth using ultrasonic scaling units	89
D199	Apply topical fluorides	89
C123	Maintain DTR supply levels	89
D220	Remove external stains from teeth using polishing units, such as ProphyJets	88
D204	Brief patients on effects of diet and nutrition on dental health	88
D212	Identify abnormal oral conditions	87
D210	Evaluate patient oral conditions for contraindications to prophylaxis	83
C185	Seat patients	83
C112	Dismiss patients	83
B44	Clean dental treatment room (DTR) supply storage areas	80
D227	Remove supragingival calculus from teeth using sonic scaling units	63

GENERAL DENTISTRY JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

	TASK	S	PERCENT MEMBERS PERFORMING (N=504)
•			00
	B60	Set up or break down DTRs	99
	C123	Maintain DTR supply levels	98
	C139	Perform four-handed dentistry	96
	C185	Seat patients	96
	C112	Dismiss patients	94
	C178	Retract patient cheeks, lips, or oral tissues	94
	C73	Assist with exams, screenings, or preliminary diagnostic procedures	94
	C98	Chart dental diseases or treatments	94
	C69	Assemble or disassemble aspirating or anesthetic syringes	93
	B41	Clean amalgam traps	93
	C75	Assist with general dentistry procedures	92
	B44	Clean dental treatment room (DTR) supply storage areas	92
	C91	Assist with placing rubber dams	91
	C114	Drape patients, other than for surgical procedures	90
	C170	Prepare topical anesthetics or medications	90
	C121	Insert or remove burs in hand pieces	90
	B42	Clean dental equipment, other than X-ray units	88
	C92	Assist with placing temporary restorations	88
	C133	Mix impression materials	88
	C166	Prepare rubber dam clamps	87
	C167	Prepare rubber dams	87
	C84	Assist with placing amalgam	86
	B63	Turn in instruments or hand pieces to dental instrument processing center (DIPC)	86
	B43	Clean dental instruments	86
	B49	Flush oral evacuator systems	86
	C187	Select and arrange instruments	84
	C138	Observe patients for adverse reactions during treatment	84
	B48	Disinfect dental instruments	83
	I404	Schedule patients for appointments	81
	C68	Aspirate and irrigate oral cavities •	80

SURGERY JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT
		MEMBERS
TASK	c	PERFORMING (N=71)
IASK		(14-71)
C185	Seat patients	100
C113	Drape patients for surgical procedures in DTR	100
C69	Assemble or disassemble aspirating or anesthetic syringes	100
C68	Aspirate and irrigate oral cavities	99
C178	Retract patient cheeks, lips, or oral tissues	97
C112	Dismiss patients	97
C123	Maintain DTR supply levels	97
B60	Set up or break down DTRs	96
C77	Assist with IV sedations	92
C187	Select and arrange instruments	92
C182	Scrub for surgical procedures in DTR	92
C192	Take and record vital signs	90
C109	Cut sutures	90
C70	Assist with clinical oral surgery procedures	89
C179	Review patient records for follow-up treatment	89
B44	Clean dental treatment room (DTR) supply storage areas	89
C169	Prepare suturing materials	87
C161	Prepare IV materials	86
C138	Observe patients for adverse reactions during treatment	86
C170	Prepare topical anesthetics or medications	86
C66	Adjust oxygen flow on oxygen equipment	86
C121	Insert or remove burs in hand pieces	85
C102	Collect sharps for disposal	85
I404	Schedule patients for appointments	82
C95	Brief patients on postoperative instructions	82
B63	Turn in instruments or hand pieces to dental instrument processing center (DIPC)	80
C83	Assist with suture placement, other than cutting sutures	75
C114	Drape patients, other than for surgical procedures	73
C78	Assist with operating room (OR) oral surgery procedures	62

ORTHODONTIC JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT MEMBERS PERFORMING
TASK	S	(N=15)
B60	Set up or break down DTRs	100
C123	Maintain DTR supply levels	100
C115	Etch teeth	100
C156	Prepare brackets for bonding	93
C112	Dismiss patients	93
C185	Seat patients	93
C187	Select and arrange instruments	93
C133	Mix impression materials	93
C72	Assist with etching teeth	93
C79	Assist with orthodontic procedures	87
C186	Secure archwires with ligatures or elastics	87
C125	Make preliminary alginate impressions	87
C184	Seat orthodontic bands	87
C179	Review patient records for follow-up treatment	87
C151	Place or remove separators	87
D203	Brief patients on home care of teeth or prostheses	87
C139	Perform four-handed dentistry	87
B44	Clean dental treatment room (DTR) supply storage areas	87
C130	Mix dental cements	87
B63	Turn in instruments or hand pieces to dental instrument processing center (DIPC)	87
C64	Adjust dental chairs	87
C86	Assist with placing brackets on teeth	80
C114	Drape patients, other than for surgical procedures	80
C108	Cut orthodontic wires	80
C110	Demonstrate care and wear of orthodontic appliances	80
C155	Prepare bands for cementing	80
C143	Place brackets on teeth	80
C173	Remove orthodontic appliances, such as bands, brackets, or wires	80
C96	Cement bands	80
C178	Retract patient cheeks, lips, or oral tissues	80
C104	Coordinate cases with dental lab	80
I404	Schedule patients for appointments	73

X-RAY TECHNICIAN JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT
		MEMBERS
		PERFORMING
TASKS	S	(N=61)
E234	Develop radiographic film using automatic developing processor	100
E262	Shield patients from radiation	100
E251	Inspect quality of diagnostic radiographs	100
E259	Prepare patients for radiographs, such as removing jewelry	100
E232	Adjust X-ray unit controls, such as kilovoltage peak (kVP), milliamperage (mA),	100
	or time	
E249	Identify anatomical landmarks on dental radiographs	100
E257	Place radiographic film in cassettes	100
E254	Mount and label dental radiographs	98
E244	Expose panoramic radiographs	98
E248	Identify causes of faulty radiographs	98
E250	Inspect lead aprons for serviceability	98
E237	Duplicate radiographs	98
E247	Expose vertical bitewing radiographs	97
E258	Place or remove infection control barriers on X-ray equipment and surfaces	97
E239	Expose apical radiographs using paralleling technique	97
E236	Disinfect X-ray units and chairs	97
E263	Shield providers from radiation	97
E238	Expose apical radiographs using bisecting angle technique	93
E233	Change radiographic film developing or fixing solutions	93
E243	Expose occlusal radiographs	93
E245	Expose standard (horizontal) bitewing radiographs	92
E264	Sterilize extension cone paralleling (XCP) instruments	92
E252	Load fixing solutions	92
E256	Perform user maintenance on automatic film processors	90
E255	Perform film analyzer tests	90
E260	Recover radiographic silver	85
E242	Expose endodontic file length radiographs	80
E240	Expose cephalometric radiographs	67

DIPC JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

B61 Sterilize dental instruments B54 Prepare kits, packs, and trays for sterilization B55 Perform sterilization testing procedures B55 Perform sterilization testing procedures B66 Disinfect dental instruments B67 Sterilize dental supplies, such as cotton rolls or gauze B68 Sterilize dental supplies, such as cotton rolls or gauze B69 Lubricate hand pieces B60 Clean sterilizers B61 Clean dental instruments B77 Review expiration dates of dental instruments, packs, or materials B70 Review expiration dates of dental instruments, packs, or materials B70 Review expiration dates of dental logistics B71 Inspect operating conditions of dental equipment B72 Inspect operating conditions of dental equipment B73 Inspect operating conditions of dental equipment B74 Clean dental equipment, other than X-ray units B75 Uclean dental equipment, other than X-ray units B76 Sterilize extension cone paralleling (XCP) instruments B77 Clean dental equipment, other than hand pieces B78 Sterilize extension cone paralleling (XCP) instruments B79 Perform linen supply activities, such as collecting or distributing lab coats, B70 or wraps	TASK	S	PERCENT MEMBERS PERFORMING (N=43)
B54 Prepare kits, packs, and trays for sterilization B53 Perform sterilization testing procedures B64 Disinfect dental instruments B62 Sterilize dental supplies, such as cotton rolls or gauze B63 ELubricate hand pieces B64 Clean sterilizers B65 Review expiration dates of dental instruments, packs, or materials B66 Clean sterile instrument storage areas B67 Clean sterile instrument storage areas B68 Clean nonsterile instrument storage areas B69 Clean nonsterile instrument storage areas B70 Clean dental equipment storage areas B70 Clean dental equipment, other than X-ray units B70 Clean dental equipment, other than X-ray units B71 Clean dental equipment, other than hand pieces B72 Clean dental equipment, other than hand pieces B73 Clean dental equipment, other than hand pieces B73 Clean dental equipment, other than hand pieces B73 Clean dental equipment, other than hand pieces B74 Clean dental equipment, other than hand pieces B75 Clean dental equipment, other than hand pieces B77 Clean dental equipment, other than hand pieces B78 Clean dental equipment, other than hand pieces B79 Clean dental equipment, other than hand pieces B70 Clean dental equipment, other than hand pieces B71 Clean dental equipment, other than hand pieces B71 Clean dental equipment, other than hand pieces			
B53 Perform sterilization testing procedures B48 Disinfect dental instruments B52 Sterilize dental supplies, such as cotton rolls or gauze B53 Lubricate hand pieces B46 Clean sterilizers B57 Review expiration dates of dental instruments, packs, or materials B58 Report defective equipment or utilities to dental logistics B59 Review equipment or utilities to dental logistics B50 Clean nonsterile instrument storage areas B51 Clean nonsterile instrument storage areas B52 Clean nonsterile instrument storage areas B53 Clean nonsterile instrument storage areas B54 Clean conduct on-the-job training (OJT) B55 Inspect operating conditions of dental equipment B66 Conduct on-the-job training (OJT) B57 Inspect operating conditions of dental equipment B68 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B69 Write or endorse military performance reports B60 Sterilize extension cone paralleling (XCP) instruments B61 Lubricate dental equipment, other than hand pieces B63 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B61	Sterilize dental instruments	100
B48 Disinfect dental instruments B62 Sterilize dental supplies, such as cotton rolls or gauze B52 Lubricate hand pieces B43 Clean sterilizers B44 Clean sterilizers B55 Review expiration dates of dental instruments, packs, or materials B46 Clean sterile instrument storage areas B47 Clean sterile instrument storage areas B48 Clean nonsterile instrument storage areas B49 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B42 Clean dental equipment, other than X-ray units B50 Write or endorse military performance reports B40 CG337 Evaluate personnel for compliance with performance standards B51 Lubricate dental equipment, other than hand pieces B53 CB50 CF60 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces B53 CF60 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces B53 CF60 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces B53 CF60 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces B52 CF60 Sterilize extension cone paralleling (XCP) instruments B53 CF60 Sterilize extension cone paralleling (XCP) instruments B51 CF60 Sterilize extension cone paralleling (XCP) instruments B52 CF60 Sterilize extension cone paralleling (XCP) instruments B53 CF60 Sterilize extension cone paralleling (XCP) instruments B54 CF60 Sterilize extension cone paralleling (XCP) instruments B55 CF60 Sterilize extension cone paralleling (XCP) instruments B65 CF60 Sterilize extension cone paralleling (XCP) instruments	B54	Prepare kits, packs, and trays for sterilization	98
B62 Sterilize dental supplies, such as cotton rolls or gauze B52 Lubricate hand pieces B47 Clean sterilizers B48 Clean dental instruments B59 Review expiration dates of dental instruments, packs, or materials B46 Clean sterile instrument storage areas B47 Clean sterile instrument storage areas B48 Report defective equipment or utilities to dental logistics B48 Clean nonsterile instrument storage areas B49 H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B42 Clean dental equipment, other than X-ray units B63 Write or endorse military performance reports B40 G337 Evaluate personnel for compliance with performance standards B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B53	Perform sterilization testing procedures	95
B52 Lubricate hand pieces B47 Clean sterilizers B48 Clean dental instruments B59 Review expiration dates of dental instruments, packs, or materials Clean sterile instrument storage areas B46 Clean sterile instrument storage areas Report defective equipment or utilities to dental logistics B45 Clean nonsterile instrument storage areas B49 H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B42 Clean dental equipment, other than X-ray units G359 Write or endorse military performance reports G337 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B48	Disinfect dental instruments	93
B47 Clean sterilizers B43 Clean dental instruments B59 Review expiration dates of dental instruments, packs, or materials B46 Clean sterile instrument storage areas B57 Report defective equipment or utilities to dental logistics B45 Clean nonsterile instrument storage areas B49 H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B40 Clean dental equipment, other than X-ray units B41 Clean dental equipment, other than X-ray units B42 Clean dental equipment, other than X-ray units B43 Evaluate personnel for compliance with performance standards B44 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B62	Sterilize dental supplies, such as cotton rolls or gauze	88
B43 Clean dental instruments Review expiration dates of dental instruments, packs, or materials Review expiration dates of dental instruments, packs, or materials Clean sterile instrument storage areas Report defective equipment or utilities to dental logistics S3 B45 Clean nonsterile instrument storage areas 49 H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B40 Clean dental equipment, other than X-ray units G359 Write or endorse military performance reports G37 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B52	Lubricate hand pieces	86
Review expiration dates of dental instruments, packs, or materials Clean sterile instrument storage areas Report defective equipment or utilities to dental logistics Clean nonsterile instrument storage areas H366 Conduct on-the-job training (OJT) Inspect operating conditions of dental equipment B50 Inspect operating conditions of dental equipment Clean dental equipment, other than X-ray units Clean dental equipment, other than X-ray units Write or endorse military performance reports G337 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments Sterilize extension cone paralleling or distributing lab coats, towels,	B47	Clean sterilizers	86
B46 Clean sterile instrument storage areas Report defective equipment or utilities to dental logistics B45 Clean nonsterile instrument storage areas H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B40 Clean dental equipment, other than X-ray units G359 Write or endorse military performance reports G337 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B43	Clean dental instruments	77
B46 Clean sterile instrument storage areas Report defective equipment or utilities to dental logistics B45 Clean nonsterile instrument storage areas H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B40 Clean dental equipment, other than X-ray units G359 Write or endorse military performance reports G337 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B59	Review expiration dates of dental instruments, packs, or materials	70
B45 Clean nonsterile instrument storage areas H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment H363 Turn in instruments or hand pieces to dental instrument processing center (DIPC) H364 Clean dental equipment, other than X-ray units H365 Write or endorse military performance reports H366 Conduct on-the-job training (OJT) H367 Clean dental equipment, other than X-ray units H368 Turn in instruments or hand pieces to dental instrument processing center (DIPC) H368 Clean dental equipment, other than X-ray units H369 Write or endorse military performance reports H369 Evaluate personnel for compliance with performance standards H360 Evaluate personnel for compliance with performa	B46		70
H366 Conduct on-the-job training (OJT) B50 Inspect operating conditions of dental equipment B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B40 Clean dental equipment, other than X-ray units G359 Write or endorse military performance reports Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B58	Report defective equipment or utilities to dental logistics	53
B50 Inspect operating conditions of dental equipment 42 B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) 40 B42 Clean dental equipment, other than X-ray units 40 G359 Write or endorse military performance reports 40 G337 Evaluate personnel for compliance with performance standards 40 E264 Sterilize extension cone paralleling (XCP) instruments 37 B51 Lubricate dental equipment, other than hand pieces 37 A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	B45	Clean nonsterile instrument storage areas	
B63 Turn in instruments or hand pieces to dental instrument processing center (DIPC) B42 Clean dental equipment, other than X-ray units G359 Write or endorse military performance reports G337 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,	H366		
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G359 Write or endorse military performance reports G337 Evaluate personnel for compliance with performance standards E264 Sterilize extension cone paralleling (XCP) instruments B51 Lubricate dental equipment, other than hand pieces A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,		•	
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A19 Perform linen supply activities, such as collecting or distributing lab coats, towels,			
towels,		• •	
	A19		37
OF WIADS			
G320 Counsel subordinates concerning personal matters 37	G220		37
H367 Counsel trainees on training progress 35		• •	
G344 Inspect personnel for compliance with military standards 35			
A17 Order dental supplies 33			

RECORDS/ RECEPTION JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT
	·	MEMBERS
T A OTZ	·	PERFORMING
TASK	5	(N=130)
I404	Schedule patients for appointments	100
I406	Verify patient eligibility for care	99
I386	File dental health records	95
I389	Initiate dental health records	93
I402	Retire dental health records of dependents or retirees	92
1393	Inventory dental health records	91
I405	Transfer dental health records	90
G320	Counsel subordinates concerning personal matters	65
H366	Conduct on-the-job training (OJT)	62
G317	Conduct supervisory performance feedback sessions	57
I40 1	Produce computer-generated documents, such as forms or correspondence	55
H367	Counsel trainees on training progress	55
G344	Inspect personnel for compliance with military standards	54
G360	Write recommendations for awards or decorations	54
I397	Monitor AF dental readiness assurance programs	53
G359	Write or endorse military performance reports	53
C119	Identify dental readiness classifications	52
G319	Conduct supervisory orientations for newly assigned personnel	52
I394	Maintain administrative files	52
C120	Identify types and requirements of exams	49
H378	Maintain training records or files	49
G346	Interpret policies, directives, or procedures for subordinates	45
G337	Evaluate personnel for compliance with performance standards	43
G343	Initiate actions required due to substandard performance of personnel	42
G338	Evaluate personnel for promotion, demotion, reclassification, or special awards	41

SUPERVISOR JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

TASK	S	MEMBERS PERFORMING (N=144)
G320	Counsel subordinates concerning personal matters	97
G360	Write recommendations for awards or decorations	97
G344	Inspect personnel for compliance with military standards	95
G359	Write or endorse military performance reports	92
G337	Evaluate personnel for compliance with performance standards	92
G317	Conduct supervisory performance feedback sessions	92
G319	Conduct supervisory orientations for newly assigned personnel	92
G346	Interpret policies, directives, or procedures for subordinates	90
G338	Evaluate personnel for promotion, demotion, reclassification, or special awards	90
G343	Initiate actions required due to substandard performance of personnel	89
G333	Establish performance standards for subordinates	87
G322	Determine or establish work assignments or priorities	83
I40 1	Produce computer-generated documents, such as forms or correspondence	78
G314	Conduct general meetings, such as staff meetings, briefings, conferences, or workshops	78
G345	Interpret automated dental treatment data	75
H368	Determine training requirements	74
H367	Counsel trainees on training progress	73
G312	Assign personnel to work areas or duty positions, other than to medical readiness mobility positions	72
G328	Develop or establish work schedules	71
G340	Identify and implement dental clinic process improvements	71
H366	Conduct on-the-job training (OJT)	68
H363	Brief personnel concerning training programs or matters	68
I400	Process or maintain automated dental treatment data	43

SUPPLY JOB (IN ORDER OF PERCENT MEMBERS PERFORMING)

		PERCENT MEMBERS PERFORMING
TASK	<u>.S</u>	(N=70)
A 17	Onder device 1	
A17	Order dental supplies	99
A18	Order nonmedical supplies	99
A12	Issue or log turn-ins of equipment or supplies	99
A8	Evaluate serviceability of equipment or supplies	99
A2	Coordinate procurement of equipment and supplies with appropriate agencies	97
A7	Evaluate supply problems	97
A13	Maintain commercial supply or federal supply catalogs	97
A20	Pick up or deliver equipment or supplies	96
A4	Draft or write justifications for supply-related matters	96
A25	Review back order reports	96
A9	Inventory medical supplies	94
A14	Maintain local purchase files	94
A10	Inventory nonmedical supplies	93
A11	Inventory property custodian authorization/custody receipt listings (CA/CRLs)	93
A16	Maintain user manuals for dental equipment	93
A33	Store flammable materials	93
A24	Review Air Force medical logistics letters (AFMLLs)	91
A22	Request corrective actions for defective equipment or utilities	91
A6	Establish storage requirements for equipment or supplies	91
A23	Research information in commercial supply publications	90
A29	Review issue turn-in lists or summaries	. 90
A15	Maintain supply management transaction and data listings	89
A34	Store hazardous materials, other than flammable materials	87
A1	Coordinate preventive maintenance requests with biomedical	87
A28	Review historical maintenance reports (HMRs)	86

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